Blakely, Sokoloff, Laylor & Zatman LLP (310) 207-3800 Title: SIMPLIFIED MESSAGE-PASSING DECODER FOR LOW-DENSITY

PARITY-CHECK CODES

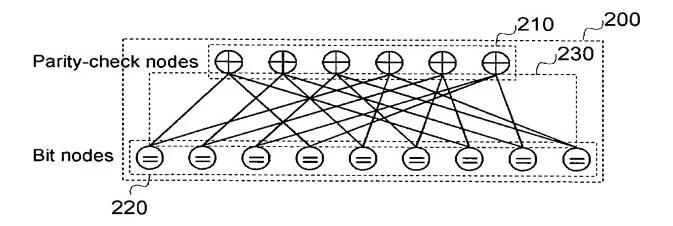
1st Named Inventor: Yun-Hee KIM Express Mail No.: EV339913687US

Docket No.: 3364P146

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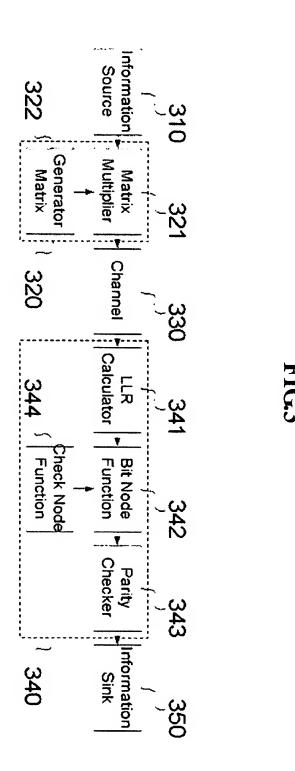
FIG.1

FIG.2



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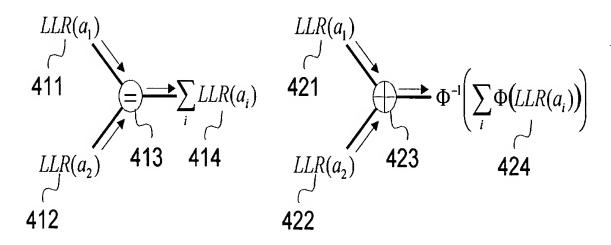


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FIG.4



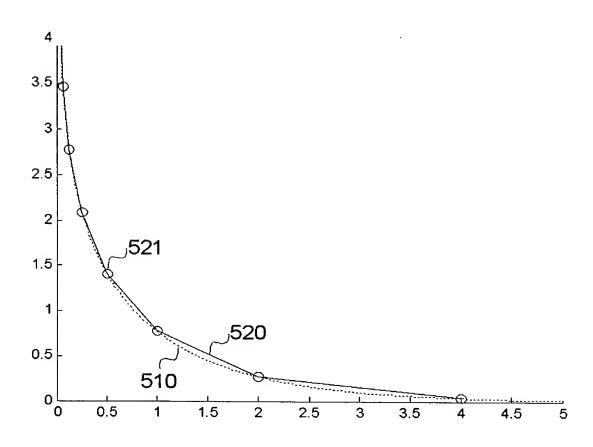
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FIG.5



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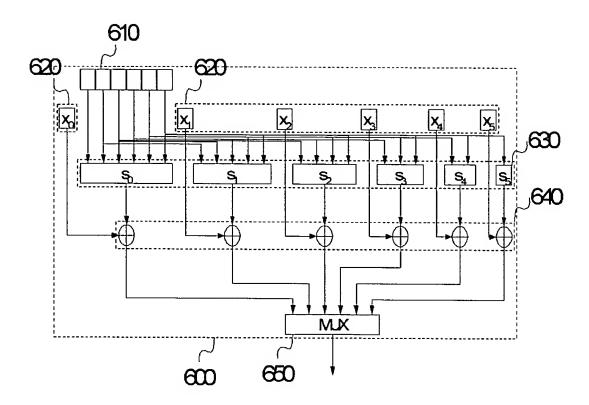
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FIG.6



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FIG.7

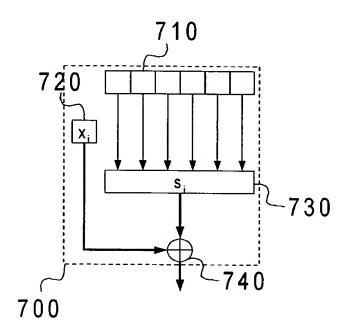
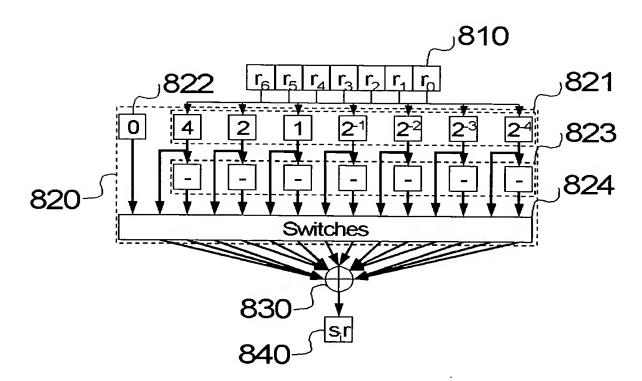


FIG.8



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FIG.9

